

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Derringer Drive - Removal Polrep  
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** **POLREP #1**  
**Initial**  
**Derringer Drive**  
  
**Marshall, NC**  
**Latitude: 35.8090000 Longitude: -82.6769060**

**To:** Jim Bateson, DENR

**From:** Kenneth Rhame, OSC

**Date:** 6/19/2012

**Reporting Period:** June 14, 2012 through June 19, 2012

**1. Introduction**

**1.1 Background**

|                                     |  |
|-------------------------------------|--|
| <b>Site Number:</b>                 | <b>Contract Number:</b>                      |
| <b>D.O. Number:</b>                 | <b>Action Memo Date:</b>                     |
| <b>Response Authority:</b> CERCLA   | <b>Response Type:</b> Emergency              |
| <b>Response Lead:</b> EPA           | <b>Incident Category:</b> Removal Assessment |
| <b>NPL Status:</b> Non NPL          | <b>Operable Unit:</b>                        |
| <b>Mobilization Date:</b> 6/14/2012 | <b>Start Date:</b> 6/14/2012                 |
| <b>Demob Date:</b>                  | <b>Completion Date:</b>                      |
| <b>CERCLIS ID:</b>                  | <b>RCRIS ID:</b>                             |
| <b>ERNS No.:</b>                    | <b>State Notification:</b>                   |
| <b>FPN#:</b>                        | <b>Reimbursable Account #:</b>               |

**1.1.1 Incident Category**

Emergency Response

**1.1.2 Site Description**

On June 14, 2012 NCDENR contacted EPA ERRB reporting that trichloroethylene (TCE) had been discovered in two recently drilled municipal wells in Marshall, NC. TCE concentrations were as high as 75 ppb in the wells. The wells were not put into service and no known exposure has occurred. EPA OSC Rhame mobilized to the site on June 14, 2012 to provide assistance to the Town of Marshall by identifying residences on well water, obtaining access and sampling residences on well water to determine if any TCE exposure has occurred.

**1.1.2.1 Location**

Derringer Drive, Marshall, NC

**1.1.2.2 Description of Threat**

TCE was discovered as high as 75 ppb in two recently installed municipal wells. The wells were not put into service and no known exposure has occurred. The RML for TCE is 8 ppb. It is unknown if any residents on well water in the immediate area have been exposed. EPA has conducted sampling of residents that granted access to property with the exception of one resident whose pump did not have power; therefore a sample could not be obtained. EPA sampled private well water within approximately .5 miles of the contaminated wells.

### **1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

Two recently installed municipal wells have been discovered to be contaminated with TCE. The wells were not put into service. The extent of the contamination is not known. EPA has sampled (9) residential wells in the immediate vicinity and will get results within 48 hours.

## **2. Current Activities**

### **2.1 Operations Section**

#### **2.1.1 Narrative**

On June 14, 2012 NCDENR contacted EPA reporting that TCE was found at concentrations as high as 75 ppb in two municipal wells in Marshall, NC. The wells were not put into service. EPA OSC Rhame mobilized to the site on June 14, 2012 with START. On June 15, 2012 EPA and NCDENR met with the Town of Marshall to locate residents on well water in the immediate area of the contaminated wells. Town of Marshall employees provided a list of address that they currently bill for town water. START plotted the address on a map and identified any residences that were not on the list as having well water. Town of Marshall water/sewer employees also provided a list of residents who had private wells on their property. Several of the residences had both town water and well water. Some of these residents switch between town and well water on a regular basis. There are no backflow preventers on these systems. With assistance from the Town of Marshall and NCDENR, EPA identified 10 private residential wells and 1 industrial well within approximately .5 miles of the contaminated municipal wells. One of the owners was not at his property during any of the three visits EPA made to the residence. Information regarding the situation was left at his residence and further attempts to make contact will be made if additional contamination is discovered near the residence. Also, one residence with both city and well water was unable to get the well pump operational so the well was not sampled. EPA will make an additional attempt to sample this well if wells in the area are contaminated. EPA and NCDENR obtained access agreements on June 15 and 16 and collected samples on June 18, 2012. 8 residential wells and 1 industrial well were sampled. The samples were delivered to the lab on June 19, 2012 and will be analyzed for VOC's on a 24-48 hour TAT.

#### **2.1.2 Response Actions to Date**

- Mobilized to the site.
- Identified residences with private drinking water wells.
- Obtained access agreements.
- Collected 8 residential well samples and 1 industrial well sample.
- Delivered samples to private lab to be analyzed on a 24-48 hour TAT.

#### **2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

No PRP's have been identified.

#### **2.1.4 Progress Metrics**

| <i><b>Waste Stream</b></i> | <i><b>Medium</b></i> | <i><b>Quantity</b></i> | <i><b>Manifest #</b></i> | <i><b>Treatment</b></i> | <i><b>Disposal</b></i> |
|----------------------------|----------------------|------------------------|--------------------------|-------------------------|------------------------|
|                            |                      |                        |                          |                         |                        |
|                            |                      |                        |                          |                         |                        |
|                            |                      |                        |                          |                         |                        |

## **2.2 Planning Section**

### **2.2.1 Anticipated Activities**

- Review sample results.
- Identify any residences with TCE concentrations above the RML of 8 ppb.
- Mitigate any exposure exceeding the RML.

#### **2.2.1.1 Planned Response Activities**

Contingent on sample results

#### **2.2.1.2 Next Steps**

#### **2.2.2 Issues**

## **2.3 Logistics Section**

No information available at this time.

## **2.4 Finance Section**

No information available at this time.

## **2.5 Other Command Staff**

No information available at this time.

## **3. Participating Entities**

No information available at this time.

## **4. Personnel On Site**

No information available at this time.

## **5. Definition of Terms**

No information available at this time.

## **6. Additional sources of information**

No information available at this time.

## **7. Situational Reference Materials**

No information available at this time.